

RECEIVED  
CENTRAL FAX CENTER

APR 04 2007

PATENT

Atty. Dkt. No. ATT 2001-0455

**IN THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method of communicating comprising the steps of:  
receiving a communication from a client;  
instructing at least one server to begin a bandwidth probe in response to receiving the communication from the client;  
receiving results of the bandwidth probe in response to instructing the at least one server; and  
sending a redirect message to the client in response to receiving the results of the bandwidth probe.
2. (Original) A method of communicating as set forth in claim 1, wherein the step of receiving the communication comprises receiving an HTTP communication from the client.
3. (Original) A method of communicating as set forth in claim 1, wherein the step of receiving the communication comprises receiving an RSTP communication from the client.
4. (Original) A method of communicating as set forth in claim 1, wherein the step of instructing the at least one server includes communicating instructions to the at least one server.
5. (Original) A method of communicating as set forth in claim 1, further comprising the step of computing throughput in response to receiving the results of the bandwidth probe.
6. (Original) A method of communicating as set forth in claim 1, further comprising the step of computing delay in response to receiving the results of the bandwidth probe.

PATENT

Atty. Dkt. No. ATT 2001-0455

7. (Original) A method of communicating as set forth in claim 1, further comprising the step of computing packet in response to receiving the results of the bandwidth probe.
8. (Original) A method of communicating as set forth in claim 1, further comprising the step of selecting a server from the at least one server in response to receiving the results of the bandwidth probe and wherein the step of sending a redirect message to the client is performed in response to selecting the server and in response to receiving the results.
9. (Withdrawn) A method of communicating comprising the steps of:
  - receiving a start packet;
  - receiving a train of consecutive packets;
  - receiving an end packet;
  - computing time dispersion in response to receiving the start packet, receiving the train of consecutive packets, and receiving the end packet; and
  - communicating a result in response to computing the time dispersion, wherein a server is selected for access in response to communicating the result.
10. (Withdrawn) A method of communicating as set forth in claim 9, wherein the time dispersion is receiver time dispersion.
11. (Withdrawn) A method of communicating as set forth in claim 9, wherein the time dispersion is sender time dispersion.
12. (Withdrawn) A method of communicating as set forth in claim 9, wherein the train of consecutive packets is compliant with Internet Control Message Protocol (ICMP) echo with ICMP timestamp.

PATENT

Atty. Dkt. No. ATT 2001-0455

13. (Withdrawn) A method of communicating as set forth in claim 9, wherein the train of consecutive packets is compliant with ICMP echo with Internet Protocol (IP) Timestamp.
14. (Withdrawn) A method of communicating as set forth in claim 9, wherein the train of consecutive packets is compliant with Transmission Control Protocol (TCP) Push/Reset with sender-based time recording.
15. (Withdrawn) A method of communicating as set forth in claim 9, wherein the train of consecutive packets is compliant with ICMP echo with sender-based time recording.
16. (Original) A method of accessing a server comprising the steps of:
  - receiving an access request from a client;
  - instructing a plurality of servers to each operate a bandwidth method in response to receiving the access request, the bandwidth method determining available bandwidth;
  - receiving a bandwidth indication from each of the plurality of servers;
  - selecting an identified server in response to receiving the bandwidth indication from each of the plurality of servers; and
  - redirecting the client to the identified server.
17. (Original) A method of accessing a server as set forth in claim 16, the bandwidth method further comprising:
  - generating a train of packets from each of the plurality of servers to the client;
  - receiving the train of packets from the client in each of the plurality of servers; and
  - computing bandwidth in response to generating the train of packets and in response to receiving the train of packets.
18. (Original) A method of accessing a server as set forth in claim 17, wherein the step of computing bandwidth further comprises a step of computing throughput.

PATENT

Atty. Dkt. No. ATT 2001-0455

19. (Original) A method of accessing a server as set forth in claim 17, wherein the step of computing bandwidth further comprises a step of computing delay.

20. (Original) A method of accessing a server as set forth in claim 17, wherein the step of computing bandwidth further comprises a step of computing packet loss.

21. (Previously Presented) A computer-readable medium having stored thereon a plurality of instructions, the plurality of instructions including instructions which, when executed by a processor, cause the processor to perform the steps of a method of communicating comprising the steps of:

receiving a communication from a client;

instructing at least one server to begin a bandwidth probe in response to receiving the communication from the client;

receiving results of the bandwidth probe in response to instructing the at least one server; and

sending a redirect message to the client in response to receiving the results of the bandwidth probe.

22. (Previously Presented) The computer-readable medium of claim 21, wherein the step of receiving the communication comprises receiving an HTTP communication from the client.

23. (Previously Presented) The computer-readable medium of claim 21, wherein the step of receiving the communication comprises receiving an RSTP communication from the client.

24. (Previously Presented) The computer-readable medium of claim 21, wherein the step of instructing the at least one server includes communicating instructions to the at least one server.

PATENT

Atty. Dkt. No. ATT 2001-0455

25. (Previously Presented) The computer-readable medium of claim 21, further comprising the step of computing throughput in response to receiving the results of the bandwidth probe.
26. (Previously Presented) The computer-readable medium of claim 21, further comprising the step of computing delay in response to receiving the results of the bandwidth probe.
27. (Previously Presented) The computer-readable medium of claim 21, further comprising the step of computing packet in response to receiving the results of the bandwidth probe.